



PATENT ABSTRACTS OF JAPAN

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SCIENCE & TECHNOL**(22) Date of filing: **22.06.93**(72) Inventor: **IWAMOTO KAZUYO****(54) EYEBALL MOVEMENT FOLLOW UP TYPE
EYESIGHT INDICATION DEVICE BY PROJECTION
SYSTEM**

camera device 5 is changed so that it matches with the glance of the eyeball 15.

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(57) Abstract:

PURPOSE: To provide an eyeball movement follow up type eyesight indication device by a projection system, by which the position of an eyeball can precisely be measured, only image information in a range corresponding to the position of the eyeball is given to the eyeball of a man from the front and image information is narrowed so as to improve resolution.

CONSTITUTION: A plotting device 2, an image indication device 3 and an eyeball position measurement position 4 are provided, and an image pickup device 2a is provided with a camera device 5 and an image pickup direction controller 6. The image indication device 3 is provided with a monitor and an image transmission element 13. A video taken by the plotting device 2 is processed and is given to the eyeball 15 of a person 14 who mounts the device through the image transmission element 13. When the eyeball 15 of the person 14 mounting the device moves, the eyeball position measurement device 4 detects it and the glance of the eyeball 15 is matched with the center of the monitor, and the direction of the

